ILLINOIS 2015 RESILIENCY ACADEMY





COMMUNITIES – THIS DAY IS FOR YOU

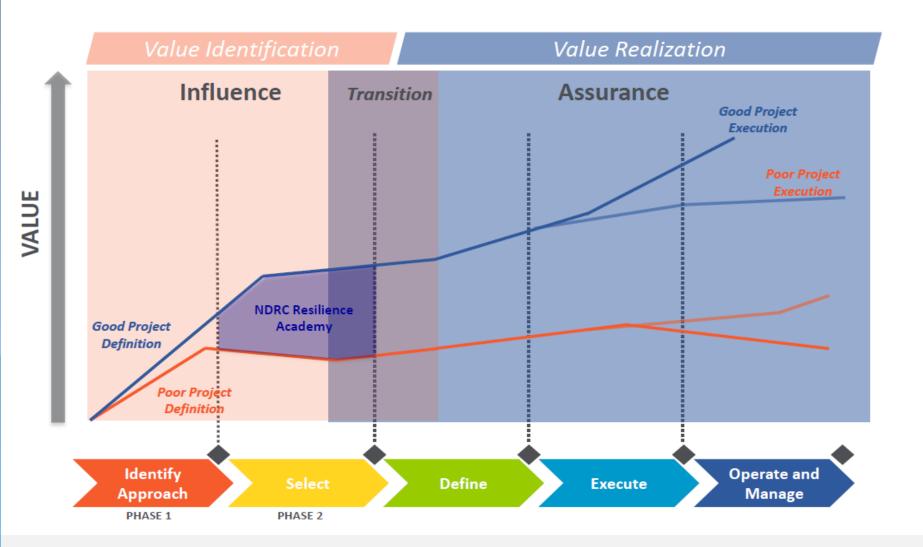
AGENDA:

- GUEST SPEAKERS
- PROJECT PRESENTATIONS
- PROJECT FEED BACK
- BREAKOUT SESSIONS
- SUBJECT MATTER EXPERTS
- BENEFITS-COSTS WORKSHOP
- FOOD!





MAXIMIZING RESILIENCE VALUE





Project Resilience Criteria

- Life Cycle
- Resiliency
- Environmental
- Social
- Economic Revitalization

Building Better Resiliency in Illinois





A RESILIENT VISION FOR ILLINOIS



















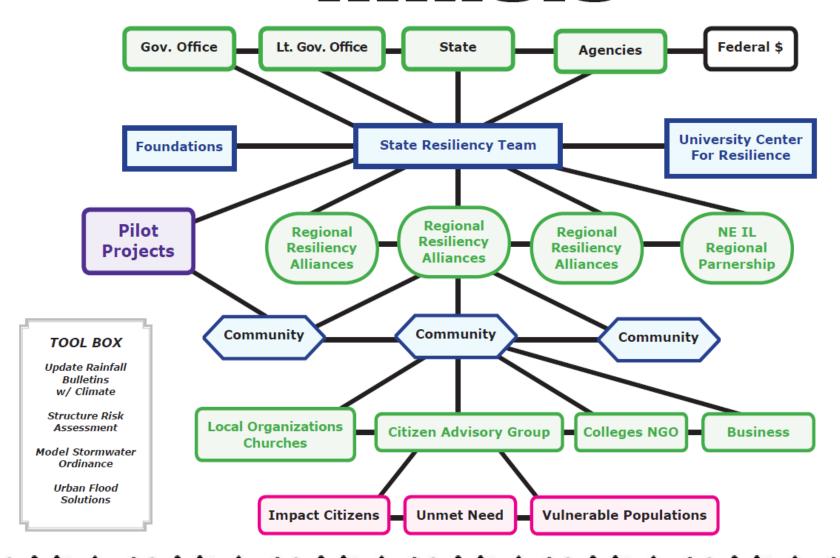






Illinois Resiliency Plan

Utilize a statewide program to foster state agency and regional resilience partnerships and to implement example resilient pilot projects across the state that employ science based and climate ready resilient approaches to reduce flood risks and impacts in Illinois communities while achieving additional social, economic and environmental benefits.



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TOOL BOX

Update Rainfall Bulletins w/ Climate

Structure Risk Assessment

Model Stormwater
Ordinance

Urban Flood Solutions

Statewide Structure Risk Assessments

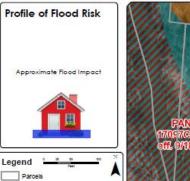


FLOOD RISK REPORT





Location: 18 N. County Street Waukegan, IL 60085





(Community Name) is providing this flood risk report to display the flood risk near your property, and provide valuable information for protecting your family, home and possessions. Damage from flooding is often preventable if action is taken to reduce risk prior to a major rain storm. Even if you are not in a mapped floodplain, 25% of all flood damage occurs in low risk zones, or those mapped outside of the floodplain. Below you will find an aerial photo of your home within the mapped floodplain, developed by FEMA. You will also see a profile of what your home may look like if your area experiences a 1% Flood, commonly referred to as the 100-year atoms. At the bottom of the page you will find fip on what you can do to help prevent flood damage both in your neighborhood, and on your specific property. Working together, we can all help to create a softer community.

According to the latest FEMA Flood Maps, Your Property is Located in a:

- 1% Annual Chance Flood Hazard Area
- 0.2% Annual Chance Flood Hazard Area
- Regulatory Floodway

Base Finori Flevations

Regulatory Floodway

1% Annual Chance Flood Hazard

0.2% Annual Chance Flood Hazard

Flood Hazard Zones



This Means That:

- You are required to purchase Flood Insurance
- You have building regulations in addition to standard regulations



REDUCE RISK

- · Flood proof your basement, for more information visit: www.floodsmart.gov
- Buy contents insurance coverage, you likely already pay flood insurance if you have a federally backed mortgage. However, this may not fully protect all of your belongings. Contact your insurance agent or visit www.floodsmart.gov for more information
- · Keep areas in floodway free of debris, this will keep flood levels as low as possible

Discisiment this data is not to be used to determine any base blood elevators or flood sace designations for HTP (his found flood insurance Program), purposes, For HTP flood insurance and regulation purposes, please wifer to the purblished state insurance Map for your area of concern. A Registered sand Surveyor should be consulted to determine the precise boardon of properly boundaries and ground elevations. This map does not constitute regulatory determination and in not beautiful required from the foundation and into the same for registering delegan, This map is the facility of any other same for the foundation of the same form of the foundation of the facility of the facilit

TOOL BOX

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Urban Flooding Solutions



Bellwood flooded basement July 2010 (Chuck Berman, Chicago Tribune)

- Stormwater Ordinance
- Raingardens
- Overhead sewer programs
- Overland flow paths
- Stormwater utilities



REPORT FOR THE

Urban Flooding Awareness Act











Illinois Resiliency Plan

Opportunity to implement resilient pilot projects across the state

Opportunity to influence the way we think about incorporating additional co-benefits into the projects we build together



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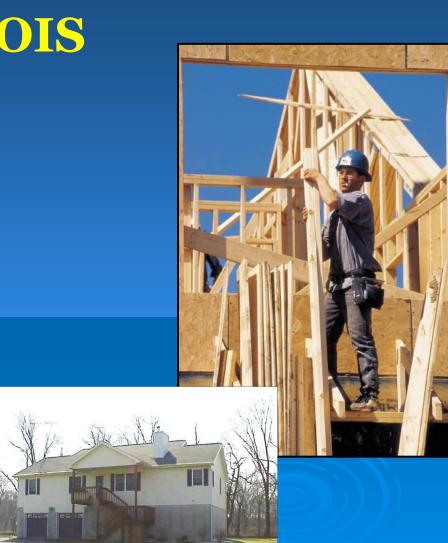


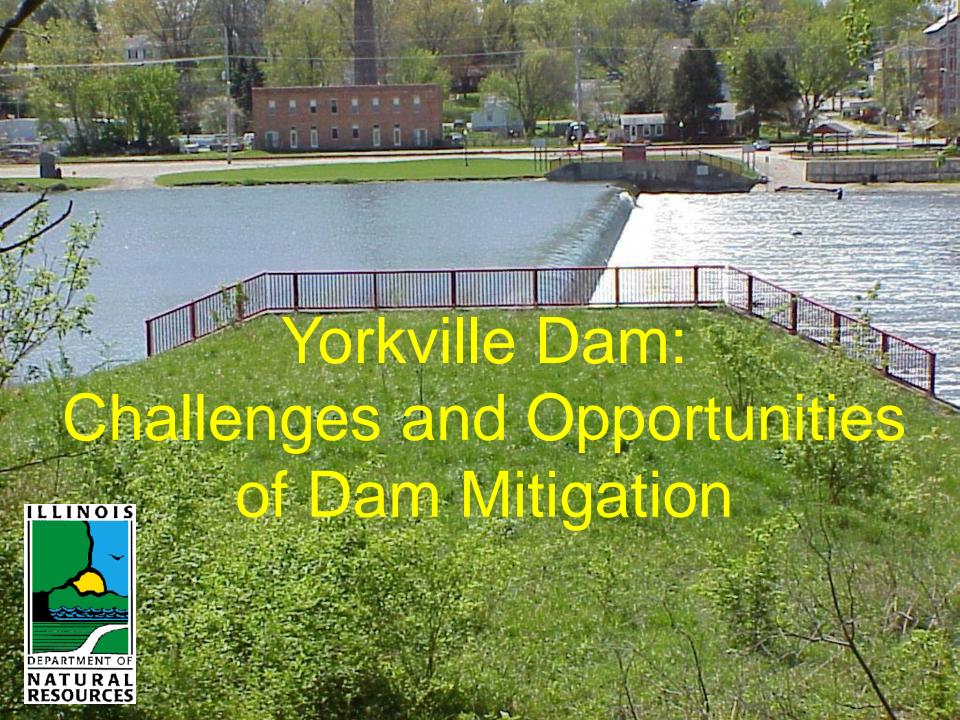
The Clock is Ticking!

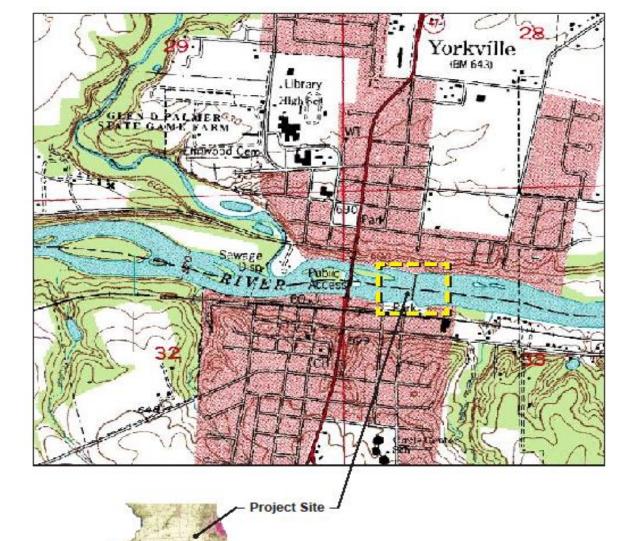
- September 21: 95% Completed Strategic Planning Study including Benefit / Cost Ratio and all factor narratives due
- October 2: Pre-final application posted for comments
- October 5: Public Hearing for state project
- October 26: Final Application submitted to HUD
 - August 31: Factor 1 and 2 narratives input due
 - September 8: Factor 4 and 5 narratives input due
 - September 21: Factor 3 narrative input due

EXAMPLES OF MULTI-BENEFIT RESILIENT PROJOCTS IN ILLINOIS







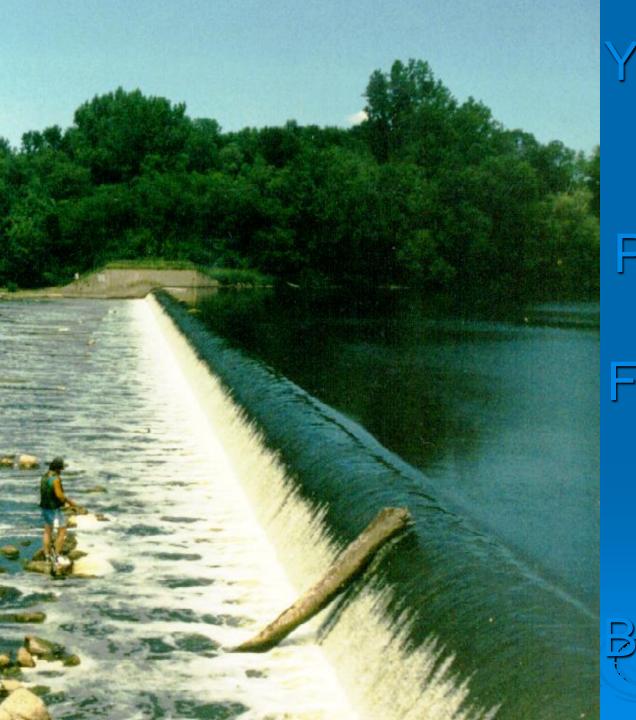


Project Description

Yorkville Multi-Purpose Dam Project

Location:

Fox River Yorkville, IL Kendall County



Yorkville Dam Problems

Public Safety

Fish Passage

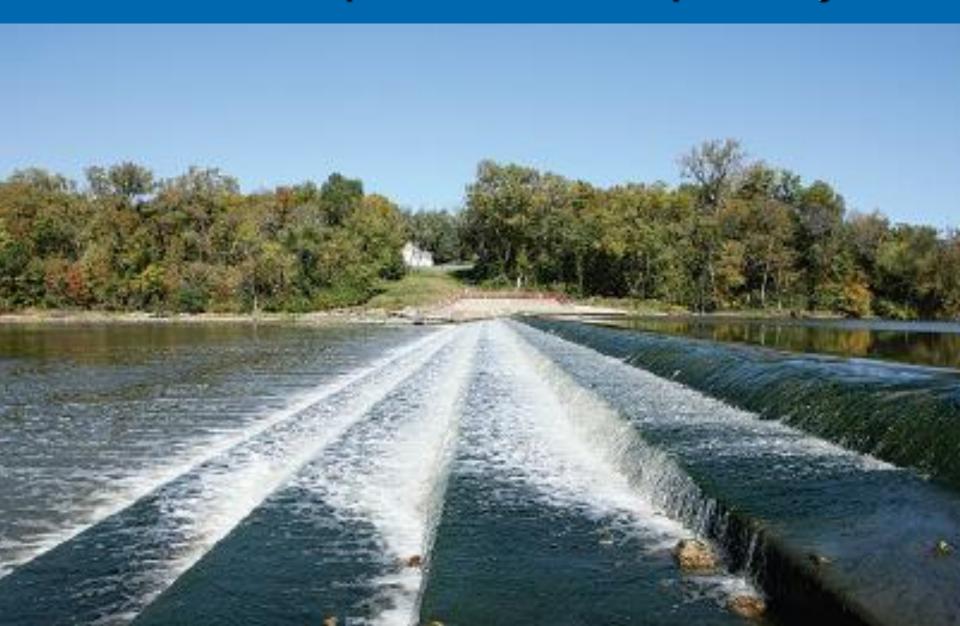
Fish Health

Boat Passage

Project collaboration with the local citizen advisory group and Illinois Paddling Council



Four Step Modified Spillway

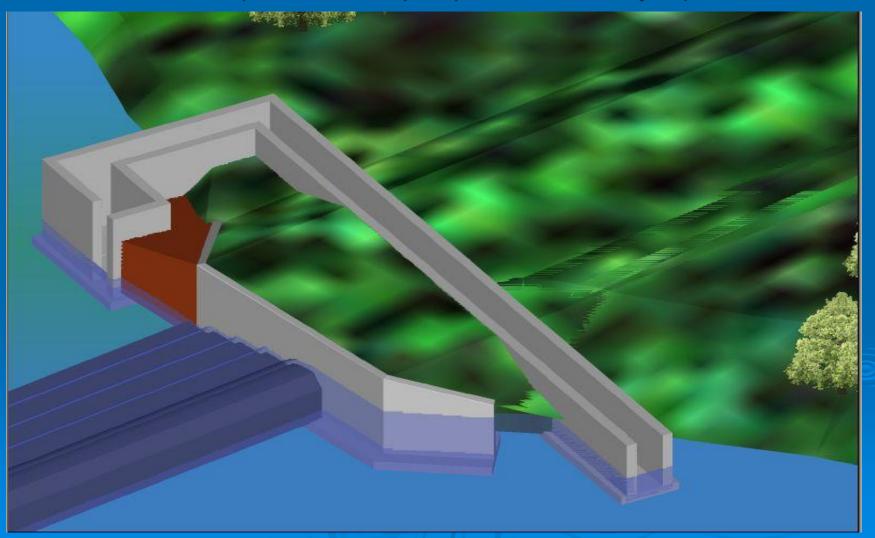


Natural Bypass Channel

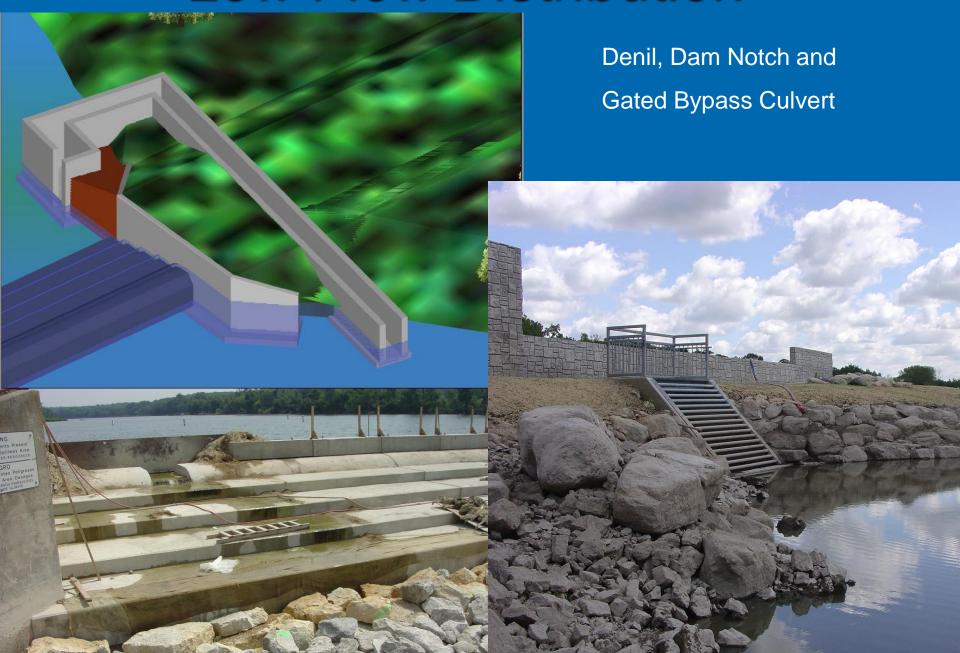


Fish Passage

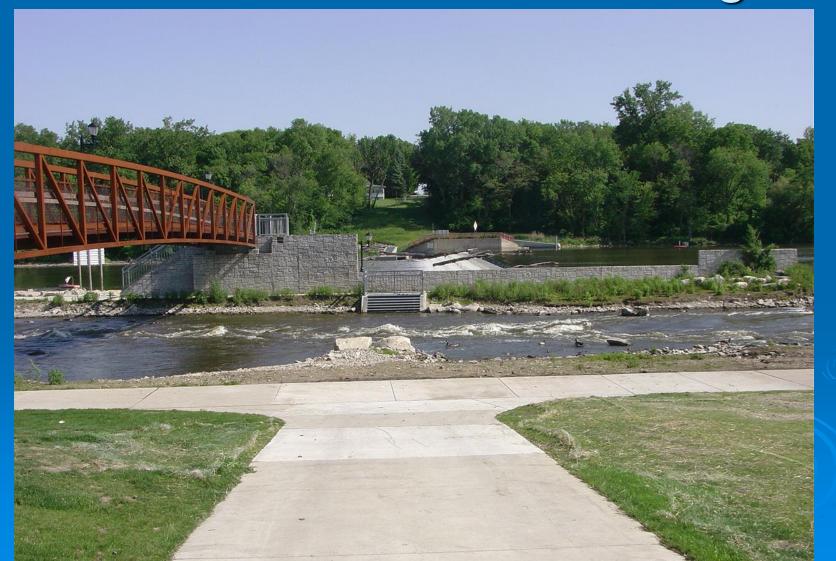
Denil Fish Ladder (aka debris shopvac) Low water entry improves D.O.



Low Flow Distribution



Public Access to Divider Island for Public Waters Fishing

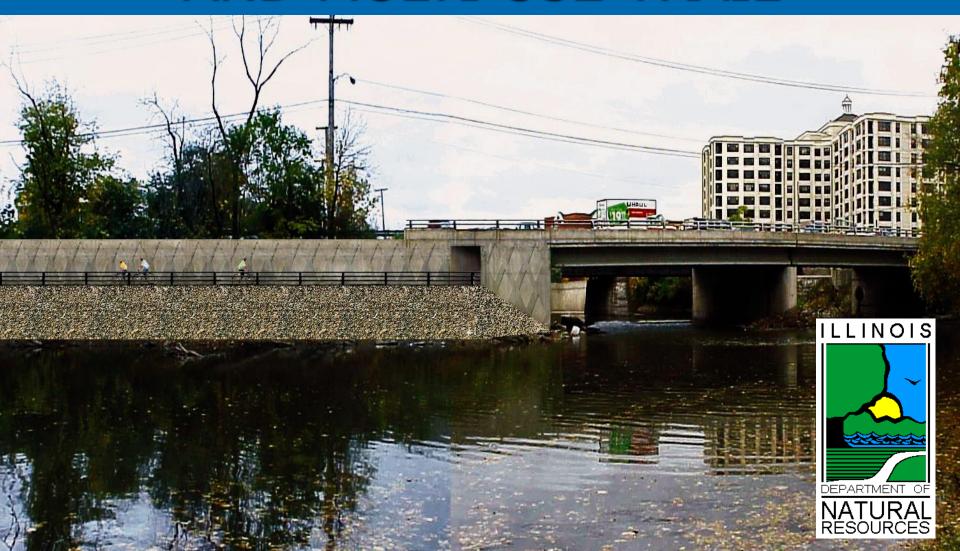


Additional Benefits

- Whitewater Boat Training Classes
- Fire Department Whitewater Rescue Training
- Family Photo Location
- New Businesses at the Bypass Channel



RAND PARK LEVEE / FLOODWALL AND MULTI-USE TRAIL









TRAIL UNDERPASS SITE AT DEMPSTER/MINER





Interior Drainage at "Wheels"





No disruption of life this day! That's Resiliency



QUESTIONS?

